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REMARKS ON THE "PHOTOGRAPHIC OBSERVATIONS OF *ALGOL*."

BY J. M. SCHAEBERLE.

With reference to the cause of the apparent discordance between Mr. TOWNLEY's observed results and my published tabular values, I wish to call attention to the fact that since the publication of my memoir* another determination, based upon a large number of observations, has been published by the Harvard College Observatory.† As will be seen from the comparison given below, the Harvard College Observatory values, at 80° zenith distance, are practically the same as my own LICK Observatory values :

ZENITH DISTANCE.	ABSORPTION.		DIFFERENCES.	
	L. O.	H. C. O.	L. O.—H. C. O.	L. O.—T.
°	M.	M.	M.	M.
73.4	1.34	1.10	+ 0.24	+ 0.73
75.4	1.48	1.26	+ .22	+ .69
77.4	1.66	1.44	+ .22	+ .62
79.4	1.86	1.88	— .02	+ .68

Mr. TOWNLEY's results (L.O.—T.) for the same zenith distance would, therefore, seem to be in error something more than half a magnitude.

Aside from purely personal errors it is unfortunate, to say the least, that, in the single special set of observations made, the observer selected a variable star to test my values for absorption.

LICK OBSERVATORY, July 27, 1894.

* "Terrestrial Atmospheric Absorption of the Photographic Rays of Light."

† "A Photographic Determination of the Atmospheric Absorption" *Annals Harvard College Observatory*, Vol. XIX).